Empowered by Innovation NEC

Essential performance. Enticingly priced.

NEC E SERIES

Large Screen LED-backlit LCD 32" | 42" | 46" | 55" | 65"

LED-Backlit, Commercial-Grade LCD Displays
Ideal for Education, Corporate and Digital Signage Applications

The Essentials

With a brilliant panel and simplified controls, the NEC E Series delivers everything you need for captivating digital signage

- Integrated RS-232C allows for external control of the display
- High-definition and high contrast ratio displays provide stunning images
- Built-in tuner allows for high-definition broadcast capabilities
- Additional energy options include a Power Savings Mode to further reduce energy consumption

The Extras

Delivering more than just the basics, the NEC E Series has integrated features that will leave no head unturned

- LED backlighting enables eco-friendly digital signage
- Reduced bezel width creates seamless digital signage
- Multiple HDMI ports enhance best-in-class connectivity
- Internal, 10W down-firing stereo speakers enhance the experience with superior sound
- 3-year warranty protects your investment

Performance-Driven Design

The Essential

Quality design and performance is expected of digital signage displays in order to attract, engage and inform audiences. With a slim, sleek bezel and a high contrast panel, NEC E Series displays are points of attraction poised to deliver brilliant content.

The Extras

The NEC E Series goes above and beyond what you've come to know as a traditional display design. With an LED edge-lit backlighting source that contributes to a reduced depth and lighter weight, these displays are mere slivers of the previous generation of displays. These benefits also make this fourth generation of E Series displays easy to transport and install.

Corporate Applications

The Essential

Ideal for digital signage in corporate lobbies, and presentations, video conferencing and boardrooms, the NEC E Series provides the basics for control (RS-232C) in concert with a brilliant display.

The Extras

LED backlighting enables a thinner, sleeker display – all the better to showcase corporate messaging and enable cross-company collaboration. LED backlighting also leads to reduced total cost of ownership and, with a mercury-free design, it has a reduced environmental impact as well.

Education Applications

The Essential

With integrated speakers and a tuner, the NEC E Series is designed for implementation in educational environments. Digital signage can achieve campus-wide connectivity through a single point of access by alerting passersby of upcoming events and emergency notifications, while classroom displays provide a bright alternative to projector screens.

The Extras

The NEC E Series is perfect for schools looking to upgrade their old CRT televisions. Impress prospective students, parents and visitors with a progressive, technology-forward school environment. What's more – these displays are priced to compete, meaning even schools with the tightest of budgets can upgrade their classrooms.

Eco-friendly Features

The Essential

Environmental features are an expected consideration when it comes to digital signage and the NEC E Series is no exception. An integrated backlight adjust setting allows users to customize the backlight strength, enabling a longer display life and lower power consumption. An energy savings picture mode is built into the on-screen menu to improve energy efficiency.

The Extras

With LED backlighting, the NEC E Series is more slim and sleek than ever. Not only are LED backlights mercury-free, they contribute to reduced power consumption and therefore a lower total cost of ownership.

Specifications for E324/E424/E464/E554/E654

MODEL	E324	E424	E464	E554	E654
QUICK SPECS					
LCD MODULE					
Panel Technology	A-MVA				
Viewable Image Size	32"	42"	46"	55"	65"
Native Resolution	1360 x 768	1920 x 1080			
Brightness (Typical/Max)	350 cd/m²	360 cd/m²	350 cd/m²		
Contrast Ratio (Typical)	3000:1	1200:1	4000:1		
Viewing Angle	178° Vert., 178° Hor. (89U/89D/89L/89R) @ CR>10				
Aspect Ratio	16:9				
Active Screen Area (W x H)	27.5 x 15.4 in. / 697.7 x 392.2mm	36.9 x 20.9 in. / 938.2 x 531.3mm	40.4 x 22.9 in. / 1026.1 x 580.7mm	47.9 x 27.1 in. / 1217.2 x 687.8mm	56.3 x 31.7 in. / 1430.9 x 806mm
Orientation	Landscape				
Displayable Colors	More than 16.7 million				
CONNECTIVITY					
PC/Mac Signal Compatibility	Yes				
Input Terminals					
Digital	HDMI (3)				
Analog	VGA 15-pin D-sub, RCA (Y, Cb/Pb, Cr/Pr) Component				
Audio	HDMI Audio, Stereo Mini-Jack				
External Control	RS-232C*				
Output Terminals					
Audio	SPDIF				
Audio Amplifier	10W (down-firing)				
POWER CONSUMPTiON					
On (Typical)	45W	85W	100W	122W	260W
ECO Mode Standby	<0.5W				
PHYSICAL SPECIFICATIONS					
Bezel Width (L/R, T/B)	0.39 in./0.39 in., 0.39 in./1.3 in. ; 9.9mm/9.9mm, 9.9mm/32.4mm	0.37 in./0.37 in., 0.37 in./1.3 in.; 9.5mm/9.5mm, 9.5mm/32.4mm	0.39 in./0.39 in., 0.39 in./1.3 in.; 9.9mm/9.9mm, 9.9mm/32.4mm	0.39 in./0.39 in., 0.39 in./1.3 in.; 9.9mm/9.9mm, 9.9mm/32.4mm	0.7 in./0.7 in., 0.7 in./1.9 in.; 18mm/18mm, 18mm/48mm
Net Dimensions (without stand; WxHxD)	28.6 x 17.4 x 2.5 in. / 725.7 x 442.8 x 62.8mm	37.7 x 22.6 x 2.5 in. / 957.6 x 574.0 x 63.5mm	41.2 x 24.5 x 2.5 in. / 1046.4 x 622.3 x 63.5mm	48.9 x 28.9 x 2.5 in. / 1242.1 x 734.1 x 63.5mm	57.7 x 34.3 x 4 in. / 1465.6 x 871.22 x 101.6mm
Net Weight (without stand)	14.8 lbs. / 6.7 kg	26.7 lbs. / 12.1 kg	30 lbs. / 13.6 kg	44.2 lbs. / 20.1 kg	68 lbs. / 30.9 kg
VESA Hole Configuration	100 x 100mm (4-hole)	400 x 400mm (4-hole)			
ENVIRONMENTAL CONDITIONS					
Operating Temperature	32-104°F / 0-40°C				
Operating Humidity	10 - 80%				
Operating Altitude	6562 ft. / 2000m				
LIMITED WARRANTY	3 years parts and labor, including backlight**				
ADDITIONAL FEATURES	Built-in NTSC/ATSC (8-VSP, Clear QAM) analog/digital tuner; Variable picture modes (Dynamic Standard/Energy Savings/Theater/Custom); Advanced Video/Audio Settings; Sleep Timer; Built-In closed captioning; Parental Control (V-Chip Function); Power management; USB Port				
SHIPS WITH	Power cord; VGA cable (Mini 15-pin D-sub); Wireless remote control; Batteries; CD-ROM (user manual); Stand; Thumbscrews; RS-232 adaptor				
OPTIONAL ACCESSORIES					
NEC	External Single Board Computer (TNETPC-AF-WS); Wall Mount Kit (WMK-3257); Accessory pack for Wall Mount Kit (MIS513)				

* RS232-C communication is only unilateral. The displays will not send feedback commands.
** Warranty restrictions apply. Contact your representative for details.

Icon Key

- LED-backlit
- Built-in speakers
- Eco-friendly

For times when the remote is not available, full display controls are conveniently situated on the side of the bezel, allowing you to change channels, adjust the volume and access the on-screen display manager.

ENERGY STAR

Product specifications subject to change.
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